

MEGH

# MEGH<sup>®</sup>WAX EBS

MEGH<sup>®</sup>WAX EBS 300

MEGH<sup>®</sup>WAX EBS 300 VG

NATIONAL REFERENCE IN HIGH-PERFORMANCE  
EBS WAXES



**MEGH®WAX EBS** waxes establish MEGH as a national reference in **ethylene bis-stearamide (EBS)** for demanding technical applications.

Developed to deliver **high thermal performance, process stability, and regulatory compliance**, these solutions compete directly with leading international brands, with the strategic advantage of **local production, continuous supply, and specialised technical support**.

High performance, controlled particle size distribution, more predictable costs, reduced logistical and fiscal risks – without compromising quality.

A complete range of EBS waxes designed to meet different technical and regulatory requirements:

- **MEGH®WAX EBS 300** – Animal-based EBS wax, stearic acid based, with excellent thermal stability.
- **MEGH®WAX EBS 300 VG** – Vegetable-based version, **biodegradable and biobased**, aligned with sustainability requirements and specific formulation needs.

## Commercial Benefits

- **Domestic production with immediate availability**  
Continuous supply, without dependency on imports or risk of shortages.  
Local production provides greater logistical and tax predictability, inventory reduction, optimisation of storage space, and improved cash flow management throughout operations.
- **Specialised local technical support**  
Direct support from the MEGH team, from development to final application.
- **Competitive cost**  
Reduced financial impact while maintaining high technical performance.

## Technical Advantages

- **Proven performance**  
Comparative testing demonstrates performance equivalent to leading international brands.
- **High thermal resistance**  
Excellent stability in applications requiring performance at elevated temperatures.
- **Consistency and reliability**  
Full process control, from wax synthesis to final micronisation

## Performance Comparison

Feature	Imported EBS Waxes	MEGH®WAX EBS
Origin	Imported	<b>Domestic</b>
Availability	Subject to international lead times and logistics	<b>Immediate</b>
Total Cost	High and variable	<b>Competitive and predictable</b>
Technical Support	Remote / limited	<b>Local and specialised</b>
Supply Security	Subject to disruptions	<b>High reliability</b>
Regulatory Compliance	May meet only basic standards	<b>Broad (FDA, EU, RoHS, etc.)</b>

## Regulatory Compliance

MEGH®WAX EBS waxes comply with major international regulations, including:

- Food Contact
- FDA – 21 CFR 175.300  
(Resinous and polymeric coatings)
- Regulation (EU) No 10/2011
- BfR XIV – Germany
- ResAP (2004) 1 – Council of Europe
- Directives and Sustainability
- RoHS 2 and RoHS 3
- WEEE (2002/96/EC)
- Packaging Directive (94/62/EC)
- CONEG – Toxic Substances in Packaging



## Applications

MEGH®WAX EBS waxes are recommended for **high-performance applications** where factors such as **thermal stability, slip, release, and surface finish** are critical to final product performance.

### Masterbatches

#### Main Functions

- Pigment dispersion
- Internal and external lubricant
- Torque and pressure reduction
- Pelletising aid

### Rubber

- Natural rubber
- Synthetic rubber
- Rubber derivatives

#### Main Functions

- Release agent
- Anti-blocking property
- Surface modifier

### Adhesives & Sealants

#### Main Functions

- Anti-blocking property
- Slip agent
- Coupling agent in Nylon (PA) for HMA

### Paper

#### Main Functions

- Anti-foaming agent
- Water resistance

### Textile

#### Main Functions

- Synthetic fibre lubricant
- Static electricity reduction

### Other Applications

- Metallurgy
- Anti-foaming agent for sugarcane ethanol processing

#### Main Functions

- Synthetic fibre lubricant
- Asphalt



### MEGH®WAX EBS

International-standard performance, regulatory compliance, and all the advantages of domestic production.